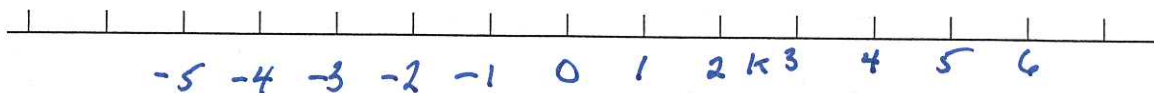
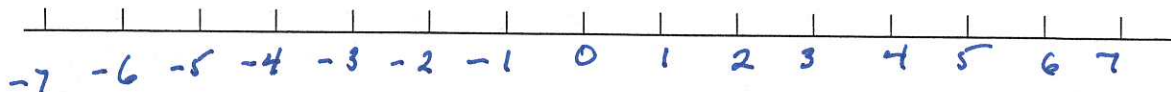


## Number Lines

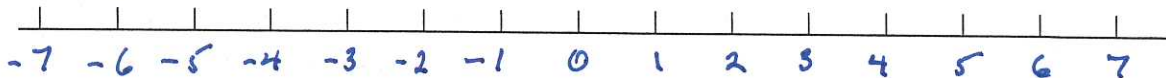
1. As shown on the number line below,  $k$  represents an unknown number between 2 & 3. Plot each of the following, extending line if necessary
- (a)  $k+3$  (b)  $k-2$  (c)  $-k$  (d)  $6-k$



2. Mark a random number  $x$  between 1 & 2 on a number line. Plot the opposite of each of the following
- (a)  $x$  (b)  $x+5$  (c)  $x-4$  (d)  $6-x$



3. Let  $k$  represent some unknown non-integer number  $> 1$ . Mark your choice on a number line. Then locate each of the following:
- (a)  $-k$  (b)  $k+2$  (c)  $k-3$  (d) square root of  $k$  (e)  $k^2$



4. On each of the following number lines, all of the labeled points are evenly spaced. Find coordinates for the seven points designated by the letters.

